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Fifth Avenue Place | Building Specifications

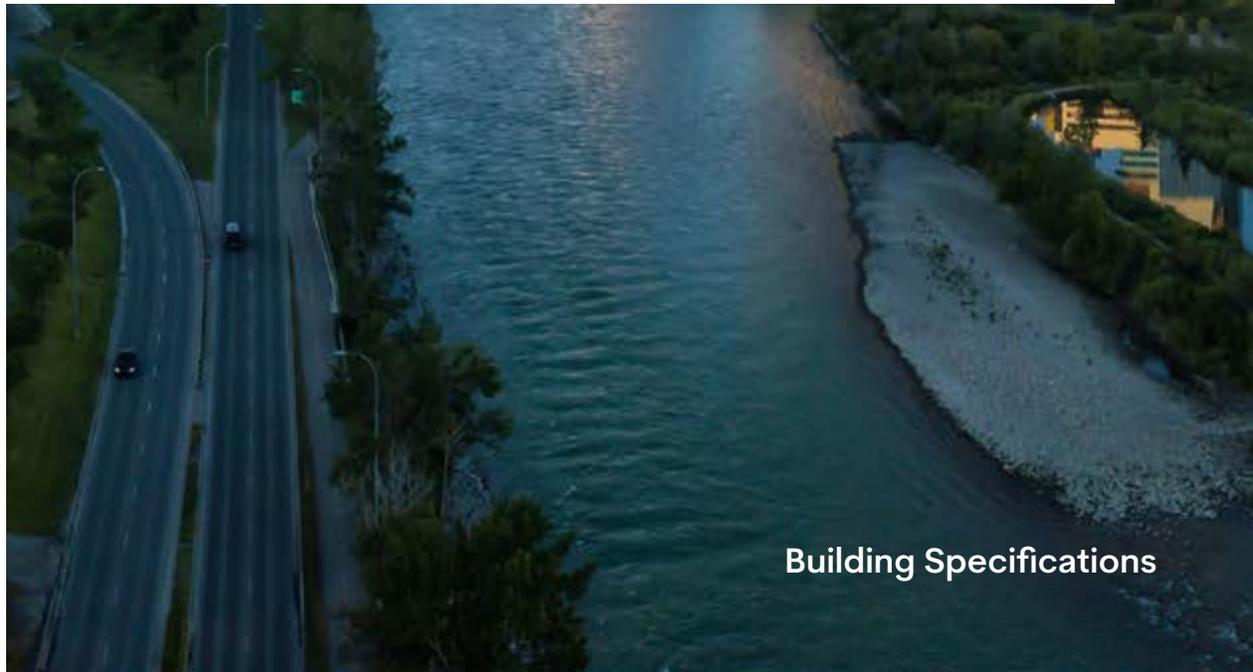
General Description	<p>Fifth Avenue Place is a 1.5 million square foot office project, comprised of two 35-storey office towers, encompassing 1.43 million square feet of rentable office space, 48,00 square feet of retail space, and underground parking located in the core of downtown Calgary. Fifth Avenue Place is connected to the above ground pedestrian network. The project was completed in 1980, and since its acquisition by Brookfield in 1996, has undergone a substantial investment program.</p> <p>Fifth Avenue Place is a certified green building with a Gold level of certification in the Leadership in Energy and Environmental Design (LEED®) Existing Buildings: Operations and Maintenance program.</p>
Design Architect	The Cohos Evamy Partners
Mechanical Engineer	Smith, Anderson Engineering Ltd.
Electrical Engineer	Mulvey & Banani
Structural Engineer	Read Jones Christoffersen

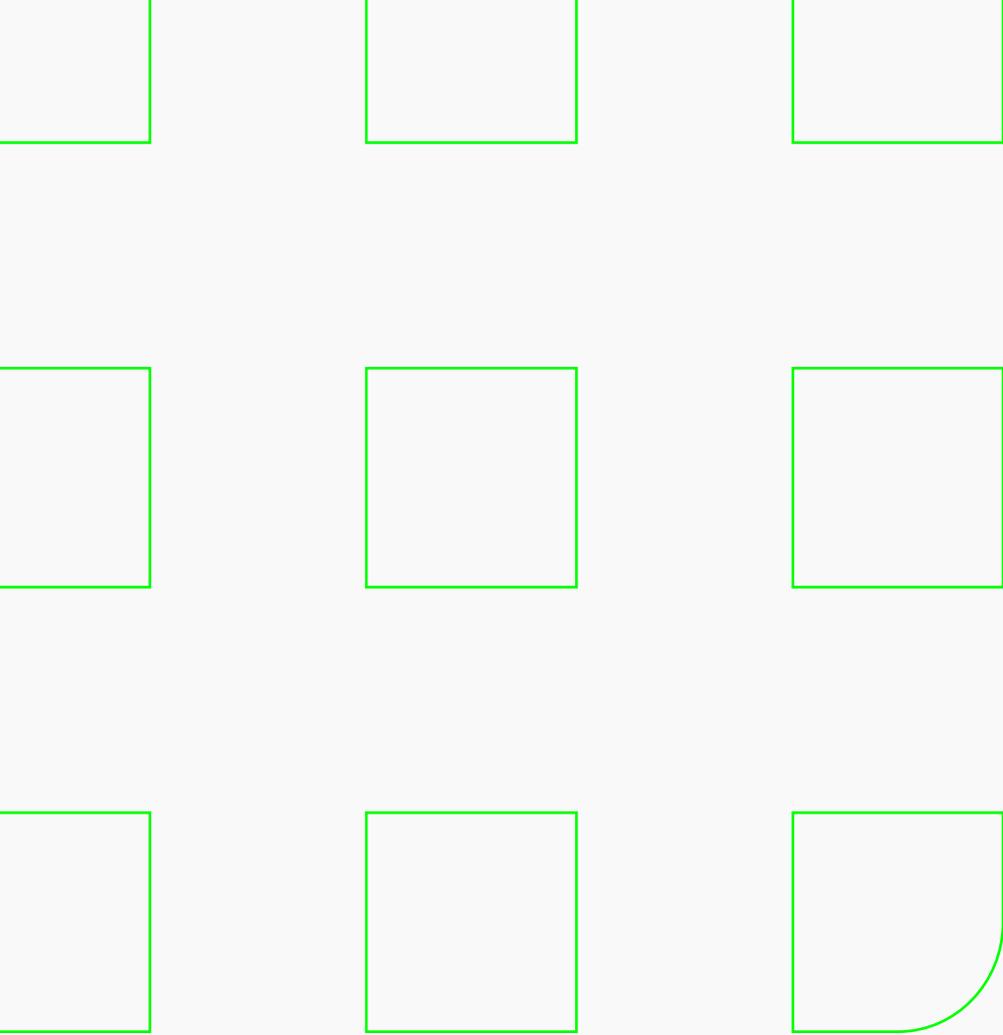
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Completion Date	1980
Building Height	East Tower - 35 stories West Tower - 35 stories Main & Plus 15 level - Retail Parking - P1-P3
Design Load	Live Loads: Parking Levels - 50 lbs/sq.ft. including a partition load Ground Level - 125 lbs/sq.ft. including a partition load of 20 lbs/sq.ft. +15 Level - 120 lbs./sq.ft., including a partition load of 20 lbs/sq.ft. Floors 3 - 35 - 100 lbs./sq.ft., including a partition load of 20 lbs/sq.ft.
Parking Clearance	Approximately 6' 6"
Rentable Area	Office Area - 1,427,053 sf Retail - 47,781 sf
Typical Floor Area	Approximately 22,600 sf
Ceiling Heights	Slab-to-slab heights on office floors average is 12'1" Standard floor to ceiling height is 8'10"
Mullion Spacing	Approximately 5'2" for typical tower
Interior Column Spacing	35' centre to centre (East & West) 30' off core 35' off perimeter glass column size decreases up the tower
Heating, Ventilation and Air Conditioning	The Building Automation and Energy Management System is a hybrid of Siemens and FX equipment, for operation and control of building systems.
Design Criteria	The building's HVAC systems are designed to meet or exceed ASHRAE Building Code requirements.
Heat	Heat is supplied by six DeDietrich boilers in each tower.
Air Conditioning	Cooling is provided by cooling plants with 1 Trane chiller and 1 York chiller in each tower feeding compartmentalized air handling units. Cooling capacity is 1400 tones/per tower of mechanical cooling. Free cooling and thermal storage are available for energy efficient operations.

Standard Hours of HVAC Operation	6:00 a.m. to 6:00 p.m. Monday through Friday Supplemental HVAC is available 24 hours a day
Electricity	Building-standard power consists of 3.26 watts per usable square foot, connected load. Additional power is available based upon demonstrated need.
Electric Closet	1 per floor
Telephone Closet	1 per floor
Number of Passenger Elevators	30 Elevators East Tower – 8 Low-rise, 5 High-rise, and 2 parkade shuttles West Tower – 8 Low-rise, 5 high-rise, and 2 parkade shuttles
Passenger Elevator Capacity	22 people or 3,500 lbs
Passenger Elevator Speed	Low-rise – 500 feet per minute High-rise – 700 feet per minute
Number of Service Elevators	East Tower – 1 West Tower – 1
Service Elevator Capacity	4,500 lbs.
Service Elevator Size	144" X 71" X 84 ¼"





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